

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2671432
<b>Application Number:</b>	10674676
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4999
<b>Title of Invention:</b>	Systems and methods for logging and recovering updates to data structures
<b>First Named Inventor/Applicant Name:</b>	Marc A. Najork
<b>Customer Number:</b>	41505
<b>Filer:</b>	Grzegorz Seweryn Plichta
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	MSFT-2557/304882.01
<b>Receipt Date:</b>	04-JAN-2008
<b>Filing Date:</b>	30-SEP-2003
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 1050
RAM confirmation Number	7971
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	msft2557transmittal.pdf	39397	no	4
			a008aedc79a3d3d78e1f6d380a12ef5e8e45b595		

### Warnings:

### Information:

2		msft2557Response.pdf	70601	yes	13
			df4dd195df5fd6953d4925995ae3230e579a1d75		

### Multipart Description/PDF files in .zip description

	Document Description	Start	End
	Amendment - After Non-Final Rejection	1	1
	Claims	2	10
	Applicant Arguments/Remarks Made in an Amendment	11	13

### Warnings:

### Information:

3	Fee Worksheet (PTO-06)	fee-info.pdf	8191	no	2
			9c21197147430d8ee5de598141a470a3cftb9c71		

### Warnings:

### Information:

Total Files Size (in bytes):			118189
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.